SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Phone: 847/537-9221 Fax: 847/537-9265

In partnership with:
ENGINEX
ENVIRONMENTAL ENGINEERING

PCB REMEDIAL ACTION COMPLETION REPORT
COMMONWEALTH EDISON TRANSFORMER RELEASE
ST. THOMAS THE APOSTLE SCHOOL
453 PIERSON STREET
CRYSTAL LAKE, ILLINOIS

September 30, 2009

Enginex Project No. 8131

Prepared For:
Commonwealth Edison
Three Lincoln Center, 3rd Floor
Oak Brook Terrace, Illinois 60181

Prepared By:
Enginex Environmental Engineering
27834 North Irma Lee Circle
Lake Forest, Illinois 60045

SET Environmental, Inc

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1.0 INTRODUCTION

Commonwealth Edison (ComEd) is submitting this *PCB Remedial Action Completion Report (RACR)* to the United States Environmental Protection Agency (USEPA) for self-implementation of a polychlorinated biphenyl (PCB) cleanup in accordance with 40 Code of the Federal Register (CFR) Part 761.61(a) for its transformer vault located on the property of the St. Thomas of the Apostle School at 453 Pierson Street in Crystal Lake, Illinois (site). The remedial actions performed as part of this RACR were in accordance with the *PCB Self-Implementation Notification and Remedial Action Plan (PCB Notification Plan/RAP)* dated July 16, 2009. The PCB Notification Plan/RAP was verbally approved by Mr. Kendall Moore of the USEPA during an August 13, 2009 telephone conversation with Mr. Matt Hetzler and Ms. Lorinda Alm of ComEd. A topographic site location map is attached as Figure 1. An aerial view of the site is attached as Figure 2.

1.1 DESCRIPTION OF THE RELEASE

The ComEd transformer was located in a below-grade concrete vault just outside of the school building. The electrical vault shared a foundation wall with the school's mechanical room. The transformer was located in the northwest corner of the vault along the shared foundation wall. The vault was split into two sections, with the dimensions of the eastern section being approximately 8 feet (ft) by 8 ft, and the dimensions of the western section being approximately 5 ft by 5 ft. A spill containment "speed bump" curb divided the two sections of the vault, with the transformer being located in the smaller western section. A single floor drain was located in both sections. The floor drains were piped together and routed below the vault floor and sleeved through the shared foundation wall, which then drained into a storm water sump with transfer pump located in the school's mechanical room. The sump system serves the entire building. The sump pump is operated by floats, and collected water is transferred into the sewer system for discharge. An engineering water piping drawing for the site, which depicts the ComEd vault and adjoining mechanical room for the school that includes the storm water sump system, is included in Appendix A.

ComEd's Environmental Coordinator (EC) was notified by field personnel of a release from the subject transformer. ComEd's field personnel took immediate action to contain the release. The EC visited the site on June 4, 2009. Since the transformer could not be sampled in service, the EC arranged for wipe samples to be collected from the transformer and surrounding concrete floor of the electrical vault on June 5, 2009. The analytical results for the wipe samples indicated that the transformer contained PCBs, and a deminimus release(s) from the unit had impacted the surrounding concrete floor. The ComEd EC notified the Illinois Emergency Management Agency (IEMA), Illinois Environmental Protection Agency (IEPA), National Response Center (NRC), and United States Environmental Protection Agency (USEPA) of a PCB release incident later that day on June 5, 2009. IEMA Incident Number H-2009-0604 and NRC Incident Number 907731 were assigned to the PCB release.

1.2 SCOPE OF WORK

The ComEd active transformer released an unknown deminimus volume of PCB-containing oil into its underground vault, thus impacting the concrete floor surrounding it. The PCB concentration in the transformer oil was 300 milligrams per kilogram (mg/kg, which is equivalent to parts per million [ppm]), which qualifies it as "PCB-Contaminated" for disposal purposes under the Toxic Substances Control Act (TSCA) regulations. ComEd elected to proceed with the remediation of the PCB release under the self-implementing regulations contained in 40 CFR Part 761.61(a) for "historical releases." The actual release date is unknown. There was no physical evidence of a recent or ongoing release at the time of the incident identification by ComEd on June 4, 2009.

Because of the detection of PCBs in wipe samples collected during the initial response actions, and the electrical vault being located on private school property, ComEd elected to remove the entire concrete floor from the vault and permanently close it. A replacement non-PCB-containing transformer was permanently re-located by ComEd to an alternative above-ground location outside of the school. The proposed scope of work described in Section 5.0 of the PCB Notification Plan/RAP called for the concrete floor and sub-base materials from both sides of the electrical vault to be broken up and removed for off-site disposal. The floor drains and piping located inside of the

vault area were also to be removed. The floor drain piping was to be cut and sealed with concrete just prior to where it is sleeved through the adjoining foundation wall to the school's mechanical room leading to the sump. Following completion of planned soil confirmation sampling and any removal, the vault cavity was to be backfilled to grade with CA6 stone and permanently closed.

1.3 POST-REMEDIATION USES

As described in Section 1.2, the electrical vault was proposed to be backfilled to grade and permanently closed. A replacement transformer was permanently re-located to an alternative above-ground pad location.

2.0 REMEDIATION OF CONCRETE

The removal of the concrete floor represented a conservative approach by ComEd to address the presence of residual PCB concentrations measured in wipe samples collected during the initial response activities. The concrete floor removal was performed between August 17 and 19, 2009. SET Environmental, Inc. (SET) located in Wheeling, IL performed the removal of the concrete floor. As previously discussed, the dimensions of the eastern section of the vault area were approximately 8 ft by 8 ft, while the dimensions of the western section of the vault area were approximately 5 ft by 5 ft. Figure 3 shows the layout of the electrical vault area and relevant site features around it.

Prior to beginning the concrete removal, rain water that had accumulated within the smaller, western section of the vault had to be removed. A vacuum unit and hose was used to transfer the accumulated water into two 55-gallon drums for off-site disposal. SET workers were then able to enter the vault to begin the concrete removal. Workers inside of the vault during the concrete removal wore Level C protection, which included a full-face respirator fitted with particulate cartridges. Confined space entry protocol was followed. An air compressor and duct hosing was used to place a negative air pressure on the vault area for purposes of dust control.

Jack-hammers were used to break up the concrete floor into small pieces to facilitate removal from the electrical vault. The broken concrete pieces and gravel sub-base materials were manually shoveled into 5-gallon pails and removed from the vault using a hoist and then transferred into a Bobcat bucket attachment. Once full, the Bobcat transferred the removed materials into a lined roll-off box. A composite sample of the concrete was collected for waste disposal characterization at the time of the removal. The roll-off box containing the removed concrete and gravel sub-base materials was transported for off-site landfilling at a TSCA-permitted facility (i.e., PCB levels > 50 ppm).

Once the concrete floor and gravel sub-base were removed, the drain pipe from the two vault sections was cut and removed up to the sleeved entrance through the adjoining wall into the mechanical room. The end of the drain pipe at the sleeved entrance to the mechanical room was then plugged/sealed using concrete. ComEd retained another contractor to break up and remove the concrete vault ceiling that had not been impacted with PCBs. Once the analytical results for the soil samples were received and showed no impacts above the PCB remediation objective (refer to Section 3.0), a Bobcat was used to backfill the vault cavity to grade with CA6 stone.

Photographic documentation of the concrete floor removal is included in Appendix B, and the laboratory analytical report for the waste characterization sample is included in Appendix C.

3.0 SOIL CHARACTERIZATION SAMPLING

Once the concrete floor and gravel sub-base had been removed, SET performed soil characterization sampling beneath the floor in accordance with Section 4.2 of the PCB Notification Plan/RAP. Discrete shallow soil samples were collected from beneath the floor on August 18, 2009 to determine if PCB impacts permeated through the concrete to the soil beneath it. A grid sampling protocol was performed on both sides of the electrical vault consistent with the site characterization sampling requirements contained in 40 CFR Part 761, Subpart N. The discrete soil samples were collected to a maximum depth of approximately three inches using a stainless steel scoop.

A total of fourteen site characterization soil samples were collected (refer to Figure 4). Nine soil samples were collected in a 3x3 grid spaced approximately two to three ft apart from the eastern side of the vault, located in close proximity to wipe sampling locations from the initial response actions. One of the soil samples was located next to the floor drain. Five soil samples were collected in an approximate 2x2 grid spaced approximately two to three ft apart from the western side of the vault where the PCB-containing transformer was formerly located. One of the soil samples was located within the area where oil staining had been observed next to the former transformer, while the fifth sampling location was next to the floor drain.

The soil samples were stored on ice after collection and transported to the analytical laboratory following standard chain-of-custody procedures. The soil samples were transported to STAT's analytical laboratory located in Chicago, IL and analyzed for PCBs by SW846 Method 8082. The sampling tools and containers used for the soil sampling were decontaminated using standard procedures between sampling locations to minimize the potential for cross-contamination. Sample collection was conducted using dedicated disposable nitrile gloves.

A PCB soil remediation objective of 1.0 ppm (which is equivalent to mg/kg) was used for comparison against the soil characterization sampling results. This represents the most conservative soil remediation objective contained in 40 CFR Part 761.61(a), and corresponds to high occupancy areas without an engineered barrier. A conservative PCB soil remediation objective was used, because the location of the electrical vault on private grammar school property represents a potentially sensitive receptor scenario. PCBs were detected in only one of the fourteen soil characterization samples. Sample #4, which was located in the northern, middle portion of the eastern vault section, had a PCB soil concentration of 0.21 mg/kg, which was below the remediation objective. Consequently, no soil removal was performed and SET proceeded with the backfilling of the vault cavity. Refer to Appendix C for the laboratory analytical report for the soil samples.

4.0 FOLLOW-UP SAMPLING OF SUMP

As discussed in Section 5.0 of the PCB Notification Plan/RAP, no further remediation was proposed for the sump located in the mechanical room adjacent to the electrical vault. Removal of the concrete floor and backfilling the vault cavity served to eliminate the future source of PCB impacts to storm water run-off from the vault cavity that previously had become commingled with the sump discharge. Following completion of the removal of the concrete floor and backfilling of the vault cavity, follow-up sampling of the sump was performed to verify the absence of PCBs in the discharge to the sewer system.

SET collected follow-up wipe and water samples from the sump on August 31, 2009. A total of two wipe samples and a water sample were collected from the sump. An expandable plug was installed inside of the end of the discharge pipe from the electrical vault (in addition to the plugging of the pipe with concrete on the other end). A vacuum unit and hose was used to initially empty the water from the sump into a 55-gallon drum. The two wipe samples were then collected from the middle of the floor of the sump and a north sidewall location near the level of the discharge outlet. Lastly, a grab water sample was collected from the sump after it had recharged. The three samples were transported for laboratory analysis of PCBs following the same protocol as was described in Section 3.0. The PCB concentrations were below analytical detection limits for each of the three follow-up samples collected from the sump (refer to Appendix C for the laboratory analytical report). Consequently, no further remediation activities were necessary for the PCB release incident.

5.0 WASTE DISPOSAL

The generated waste streams for the PCB concrete remediation activities were as follows: two 55-gallon drums of accumulated PCB-containing rainwater from the electrical vault; one roll-off box (approximately 4.5 tons) of PCB-containing concrete and gravel sub-base materials; and one 55-gallon drum of non-regulated water from the sump.

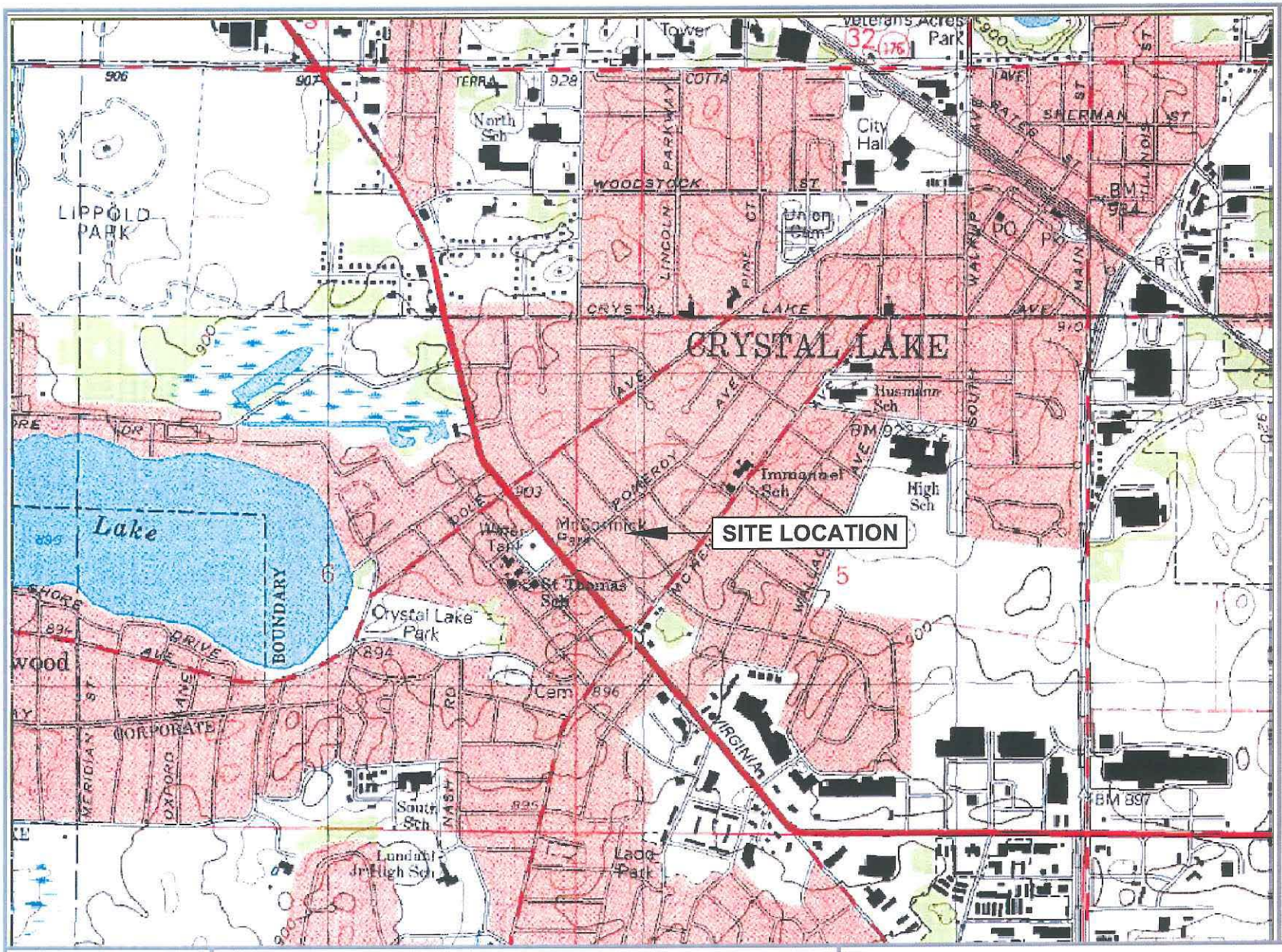
The accumulated rain water from the electrical vault and concrete floor and gravel sub-base materials were disposed of at TSCA-permitted facilities. The two drums of PCB-containing rain water were transported to the Clean Harbors facility located in Coffeyville, Kansas for disposal by incineration. The roll-off box of PCB-containing concrete and gravel sub-base materials was transported for landfilling to the EQ Wayne Disposal facility located in Belleville, Michigan. The drum of non-regulated water from the sump was transported to the Industrial Water Services (IWS) treatment facility located in Chicago, IL. Waste disposal documentation is provided in Appendix D.

6.0 CONCLUSIONS

This RACR documents the clean-up efforts undertaken on behalf of ComEd in response to a leaking transformer that contained PCBs above the TSCA regulated level of 50 ppm. The transformer release occurred inside of an underground electrical vault on the property of the St. Thomas of the Apostle School at 453 Pierson Street in Crystal Lake, Illinois. The remediation of the PCB release was performed consistent with 40 CFR Part 761.61(a) and the PCB Notification Plan/RAP, and is considered complete based on the following:

- The transformer was drained and transformer, mineral oil, and debris were removed from the site for off-site disposal.
- Site characterization sampling of the impacted concrete floor and soil beneath it was performed consistent with 40 CFR Part 761, Subpart N.
- ComEd elected to remove the PCB-impacted concrete floor and gravel sub-base for the entire electrical vault. The removal of the concrete floor represented a conservative approach to address the presence of residual PCB concentrations measured in wipe samples collected during the initial response activities.
- The PCB soil concentrations for characterization samples collected beneath the concrete floor were below the remediation objective of 1.0 ppm.
- The PCB-impacted concrete floor was removed between August 17 and 19, 2009. One roll-off box (approximately 4.5 tons) of concrete and gravel sub-base materials was removed from the vault. ComEd installed a new ground level transformer at a different location for use by St. Thomas of the Apostle School. The vault cavity was backfilled to grade with CA6 stone and permanently closed.

FIGURES



LEGEND

N

0' 1500'

SCALE

CAD FILE: 8131-01
REVISED: 10-15-09
PREPARED BY: EAO
REVIEWED BY: MR

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COMMONWEALTH EDISON TRANSFORMER RELEASE
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453 PIERSON STREET
CRYSTAL LAKE, ILLINOIS

FIGURE 1
SITE LOCATION MAP
(1993 TOPOGRAPHIC MAP
FROM USGS TERRAERVER)

LEGEND

APPROXIMATE PROPERTY BOUNDARY

N

0' 120'

S C A L E

CAD FILE: 8131-02
REVISED: 10-15-09
PREPARED BY: EAO
REVIEWED BY: MR

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COMMONWEALTH EDISON TRANSFORMER RELEASE
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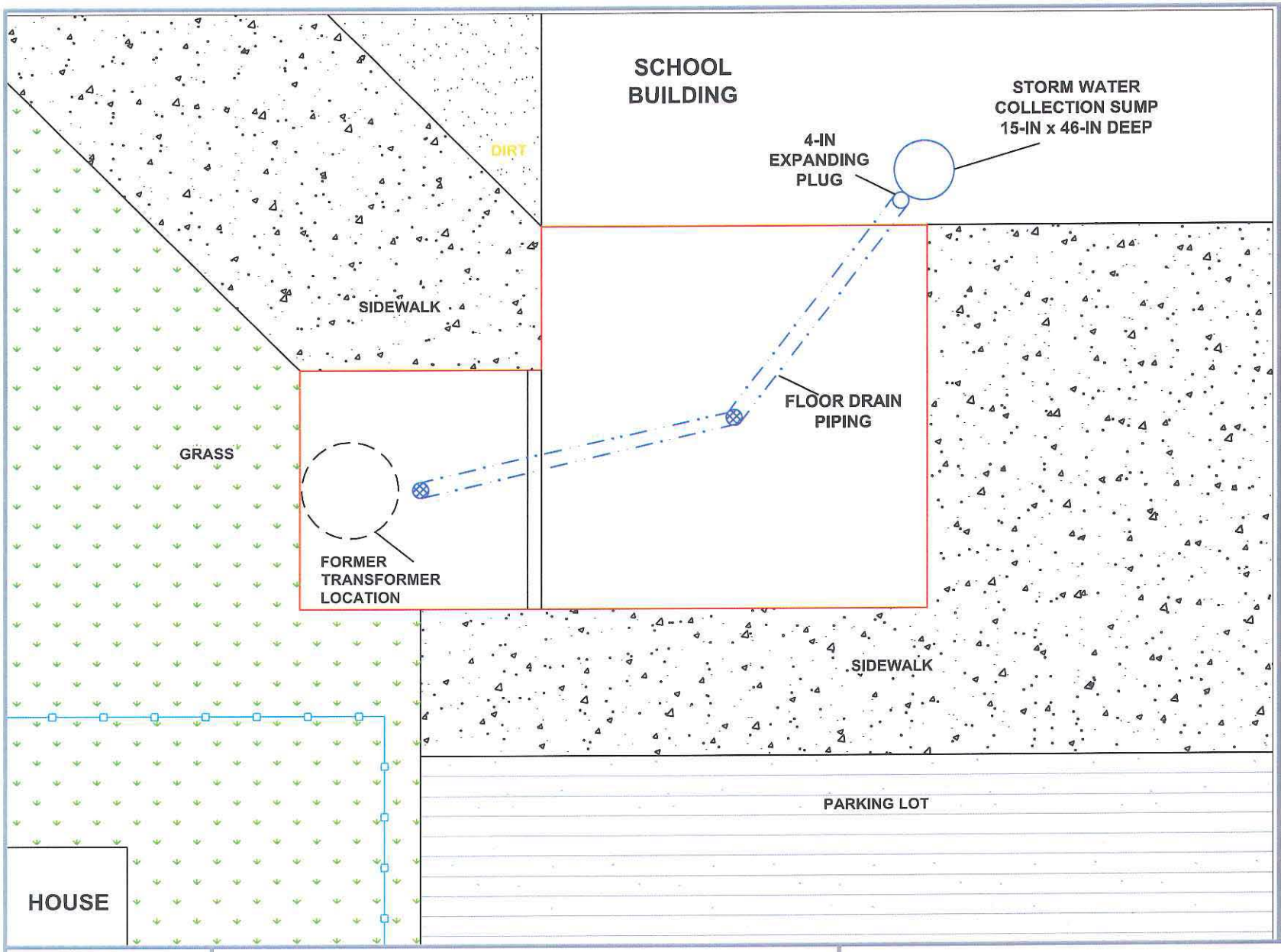
453 PIERSON STREET
CRYSTAL LAKE, ILLINOIS

FIGURE 2
AERIAL VIEW OF SITE
(2002 AERIAL PHOTOGRAPH
FROM USGS TERRASERVER)



CAD FILE: 8131-03
REVISED: 10-15-09
PREPARED BY: EAO
REVIEWED BY: MR

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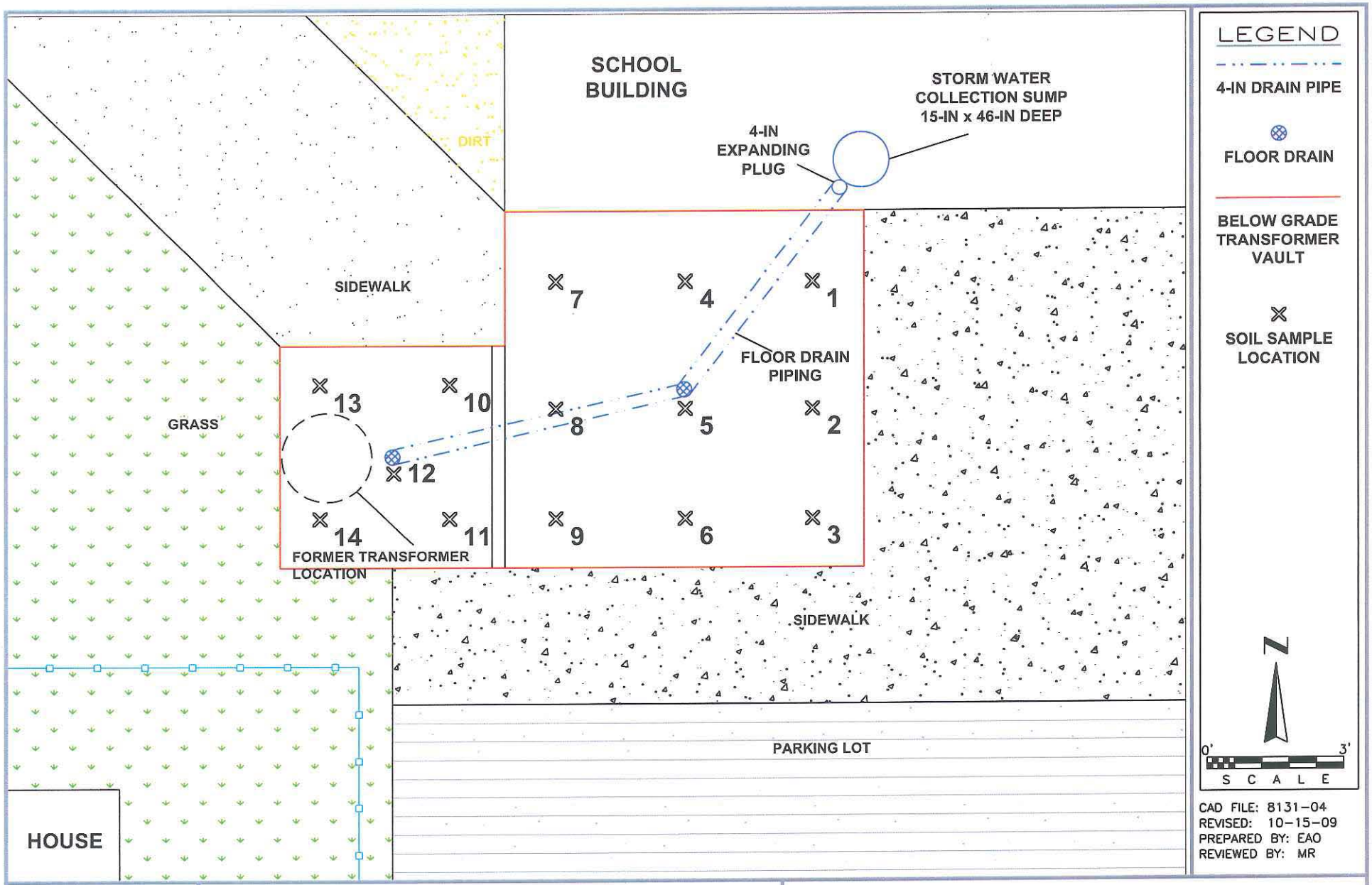
CRYSTAL LAKE, ILLINOIS

FIGURE 3
SITE LAYOUT MAP



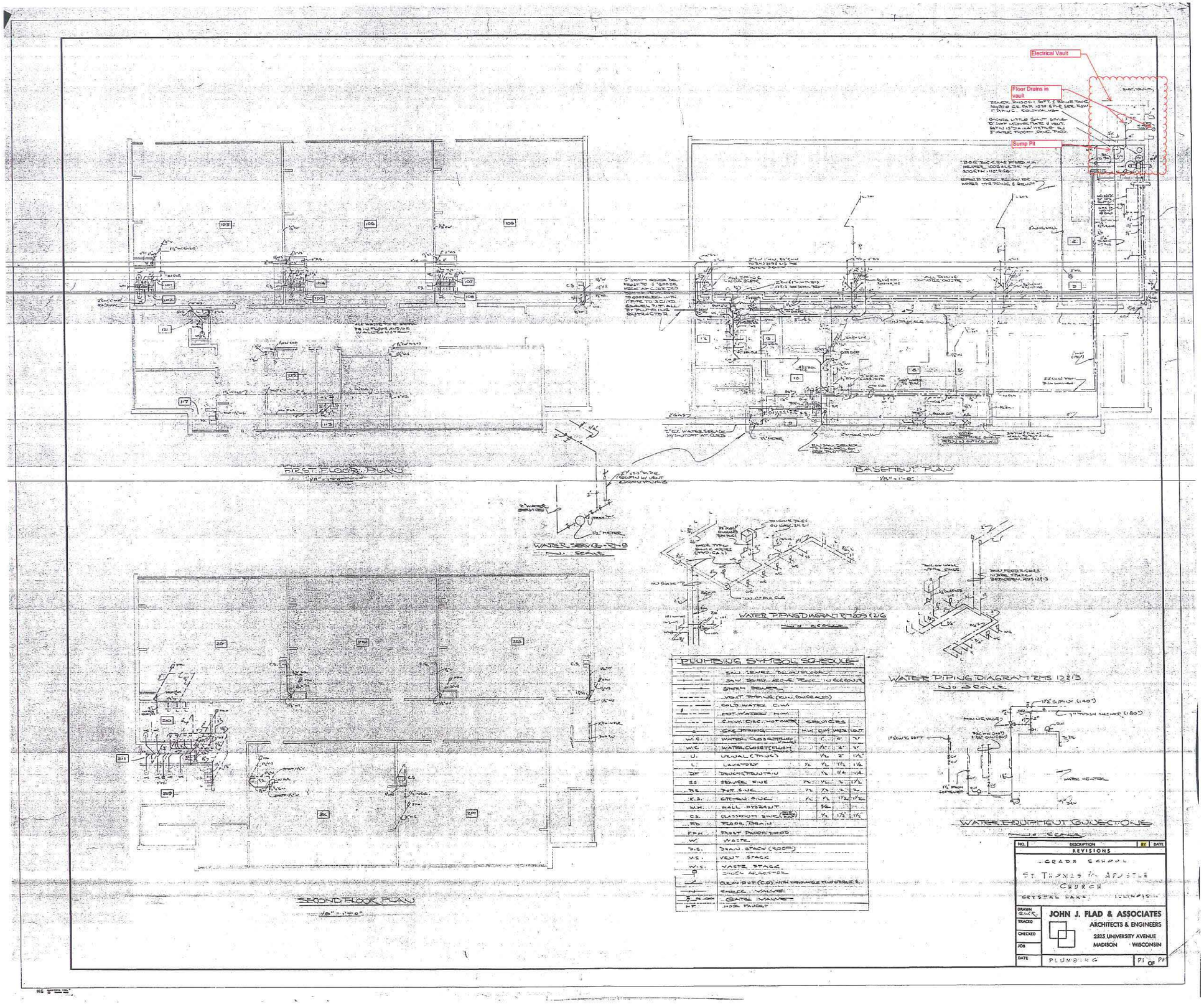
CAD FILE: 8131-04
REVISED: 10-15-09
PREPARED BY: EAO
REVIEWED BY: MR

ENGINEX
ENVIRONMENTAL ENGINEERING

COMMONWEALTH EDISON TRANSFORMER RELEASE
ST. THOMAS THE APOSTLE SCHOOL
453 PIERSON STREET
CRYSTAL LAKE, ILLINOIS

FIGURE 4
SOIL CHARACTERIZATION
SAMPLE LOCATIONS

APPENDIX A
SITE DRAWING SHOWING ELECTRICAL VAULT



PLUMBING SYMBOL SCHEDULE

	SAN. SEWER BELOW FLOOR			
	SAN. SEWER ABOVE FLOOR IN CLOSURE			
	STORM SEWER			
	VENT PIPING (EXPOSED)			
	COLD WATER C.W.			
	HOT WATER H.W.			
	CIRC. HOT WATER (CIRCULATED)			
	GAS PIPING		H.W.	CW.
W.C.	WATER CLOSET (FLUSH TANK)		1"	1"
W.C.	WATER CLOSET (FLUSH VALVE)		1½"	1"
U.	URINAL (FLUSH VALVE)		½"	1"
L.	LAVATORY	½	½	1½
DF	DRINKING FOUNTAIN	½	½	1½
SS	SERVICE SINK	½	½	1½
PS	POT SINK	½	½	1½
K.S.	CITY-KIT. SINK	½	½	1½
W.H.	WALL HYDRANT		¾	
CS.	CLASSROOM SINK (SEE PLAN)		½	1½
FD.	FLOOR DRAIN			
FPH	FROST PROOF HOOD			
W	WASTE			
D.S.	DRAIN STACK (ROOF)			
V.S.	VENT STACK			
W.S.	WASTE STACK SHOCK ABSORBER			
	CLEAN OUT (C.O.) WITH BRONZE PLUG IN BASE &			
	CHECK VALVE			
	GATE VALVE			
HF	HOSE FAUCET			

NO.	DESCRIPTION	BY	DATE
	REVISIONS		

GRADE SCHOOL
ST. THOMAS the APOSTLE CHURCH
CRYSTAL LAKE ILLINOIS

DRAWN C.K.C.	JOHN J. FLAD & ASSOCIATES
TRACED	ARCHITECTS & ENGINEERS
CHECKED	2525 UNIVERSITY AVENUE
JOB	MADISON WISCONSIN
DATE	PLUMBING P1 OF P1

APPENDIX B
PHOTODOCUMENTATION OF CONCRETE REMEDIATION

Photo 1: Vacuuming of accumulated rain water from western section of electrical vault prior to beginning the concrete removal.

Photo 2: Confined space entry procedures used during concrete removal.

Photo 3: Jack-hammering of concrete floor into small pieces for removal from electrical vault. Also shows air duct hosing used for dust control.

Photo 4: Jack-hammering of concrete floor into small pieces for removal from electrical vault.

Photo 5: Drain pipe entrance point into school's mechanical room sleeved through shared wall.

Photo 6: Drain pipe at entrance into mechanical room after being cut and end sealed/plugged with cement.

Photo 7: Floor of electrical vault after removal of concrete floor and gravel base.

Photo 8: Backfilling of electrical vault cavity with CA6 stone for permanent closure.

APPENDIX C
LABORATORY ANALYTICAL REPORTS

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

August 19, 2009

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: 0906-0051, ComEd - Manhole, 453 Pierson St. STAT Project No: 09080648

Dear SET Environmental, Inc.:

STAT Analysis received 14 samples for the referenced project on 8/18/2009 7:35:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Mary Ann Kidd
Project Manager

STAT Analysis Corporation

Date: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St.
Lab Order: 09080648

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
09080648-001A	Sample #1		8/18/2009	8/18/2009
09080648-002A	Sample #2		8/18/2009	8/18/2009
09080648-003A	Sample #3		8/18/2009	8/18/2009
09080648-004A	Sample #4		8/18/2009	8/18/2009
09080648-005A	Sample #5		8/18/2009	8/18/2009
09080648-006A	Sample #6		8/18/2009	8/18/2009
09080648-007A	Sample #7		8/18/2009	8/18/2009
09080648-008A	Sample #8		8/18/2009	8/18/2009
09080648-009A	Sample #9		8/18/2009	8/18/2009
09080648-010A	Sample #10		8/18/2009	8/18/2009
09080648-011A	Sample #11		8/18/2009	8/18/2009
09080648-012A	Sample #12		8/18/2009	8/18/2009
09080648-013A	Sample #13		8/18/2009	8/18/2009
09080648-014A	Sample #14		8/18/2009	8/18/2009

STAT Analysis Corporation
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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-001 **Collection Date** 8/18/2009
Client Sample ID: Sample #1 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1260	ND	0.083		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	6.2	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-002 **Collection Date** 8/18/2009
Client Sample ID: Sample #2 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.086		mg/Kg-dry	1	8/18/2009
Aroclor 1260	ND	0.086		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	8.9	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-003 **Collection Date** 8/18/2009
Client Sample ID: Sample #3 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.087		mg/Kg-dry	1	8/18/2009
Aroclor 1260	ND	0.087		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	10.3	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-004 **Collection Date** 8/18/2009
Client Sample ID: Sample #4 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.084		mg/Kg-dry	1	8/18/2009
Aroclor 1260	0.21	0.084		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	6.4	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-005 **Collection Date** 8/18/2009
Client Sample ID: Sample #5 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.088		mg/Kg-dry	1	8/18/2009
Aroclor 1260	ND	0.088		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	8.8	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-006 **Collection Date** 8/18/2009
Client Sample ID: Sample #6 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1221	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1232	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1242	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1248	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1254	ND	0.083		mg/Kg-dry	1	8/18/2009
Aroclor 1260	ND	0.083		mg/Kg-dry	1	8/18/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	5.4	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-007 **Collection Date** 8/18/2009
Client Sample ID: Sample #7 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.087		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	8.9	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-008 **Collection Date** 8/18/2009
Client Sample ID: Sample #8 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.084		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.084		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	8.0	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-009 **Collection Date** 8/18/2009
Client Sample ID: Sample #9 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.082		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.082		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	5.4	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-010 **Collection Date** 8/18/2009
Client Sample ID: Sample #10 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.087		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.087		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	8.2	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-011 **Collection Date** 8/18/2009
Client Sample ID: Sample #11 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.094		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.094		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	17.8	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-012 **Collection Date** 8/18/2009
Client Sample ID: Sample #12 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.086		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.086		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	9.4	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: August 19, 2009
Date Printed: August 19, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd - Manhole, 453 Pierson St. **Lab Order:** 09080648

Lab ID: 09080648-013 **Collection Date** 8/18/2009
Client Sample ID: Sample #13 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.085		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	5.6	0.2	*	wt%	1	8/19/2009

Lab ID: 09080648-014 **Collection Date** 8/18/2009
Client Sample ID: Sample #14 **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **8/18/2009**		Analyst: **AY**
Aroclor 1016	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1221	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1232	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1242	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1248	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1254	ND	0.085		mg/Kg-dry	1	8/19/2009
Aroclor 1260	ND	0.085		mg/Kg-dry	1	8/19/2009
Percent Moisture	**D2974**			Prep Date: **8/18/2009**		Analyst: **JMS**
Percent Moisture	7.4	0.2	*	wt%	1	8/19/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC # : 19824

Client: Com Ed - MANHOLE
Address: 453 PIERSON STREET
CRYSTAL LAKE, IL.
Phone #: 847-366-4294 Fax #:
P.O. #: Proj #: 0906-0051
Client Contact: TIM GRISETO
Sampler: JOHN MASCIO

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other
3. Soil 6. Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other
G-Glass B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl 7. On Ice
2. H2SO4 4. NaOH 6. MeOH 8. Other

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: PCB's									
SAMPLE #1	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	1
" #2	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	2
" #3	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	3
" #4	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	4
" #5	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	5
" #6	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	6
" #7	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	7
" #8	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	8
" #9	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	0	9
" #10	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	1	0

Relinquished By: JOHN MASCIO	Date: 08/18/09 Time:	Received By:	Date: 8/18/09 Time: 19:35
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :

Notes/Waste Generated:
* ALL THESE SAMPLES CAME FROM THE SAND LAYER UNDER THE CONCRETE SLAB.

09080648

Received On Ice: Yes ☑ No ☐
Temperature: 5.7 °C

SPECIAL INSTRUCTIONS:

Turnaround Time:
12 Hour TURN AROUND ☒ **Rush** (circle one) 1 2 or 3 day TAT
☐ **Routine** (5-10 days)
Due Date: 08 - 19 - 09

SET Contact: DAN BITTNER

Lab:

Rev. May 2007

SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC # : 19816

Client: ComEd - Manhole
Address: 453 Pierson Street
Crystal Lake, IL.
Phone #: 847-366-4294 Fax #:
P.O. #: Proj #: 0906-0051
Client Contact: Tim Giseto
Sampler: John Masio

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other
3. Soil 6. Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other
G-Glass B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl 7. On Ice
2. H2SO4 4. NaOH 6. MeOH 8. Other

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: PCB's									
Sample # 11	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	1	1
" # 12	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	1	2
" # 13	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	1	3
" # 14	3	4oz	G	1	-	85°	08-18	-	7	-	X							0	1	4

Relinquished By:	Date: Time:	Received By:	Date: Time:
John Masio	08/18/09 :		8/18/09 19:35
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :

Notes/Waste Generated:
* ALL THESE SAMPLES CAME FROM THE SAND LAYER UNDER THE CONCRETE SLAB.

09080648

Received On Ice: Yes ☑ No ☐

Temperature: 5.7 °C

Rev. May 2007

SPECIAL INSTRUCTIONS:

Turnaround Time:
12 Hour ☒ **Rush** (circle one)
Turn Around 1 2 or 3 day TAT
☐ **Routine** (5-10 days)
Due Date: 08-19-09

SET Contact: Dan Bitton

Lab:

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET | Date and Time Received: 8/18/2009 7:35:00 PM

Work Order Number 09080648 | Received by: JJM

Checklist completed by: Signature 8/18/09 Date | Reviewed by: MAK Initials 8/19/09 Date

Matrix: | Carrier name | Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 5.8 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

STAT Analysis Corporation
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

August 20, 2009

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: 0906-0051, ComEd-Manhole, 453 Pierson St. STAT Project No: 09080673

Dear SET Environmental, Inc.:

STAT Analysis received 1 sample for the referenced project on 8/19/2009 4:11:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Mary Ann Kidd
Project Manager

STAT Analysis Corporation

Date: August 20, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd-Manhole, 453 Pierson St.
Lab Order: 09080673

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
09080673-001A	Sample #1 - Rolloff Box #22		8/17/2009	8/19/2009

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: August 20, 2009
Print Date: August 20, 2009

Client:	SET Environmental, Inc.	**Client Sample ID:**	Sample #1 - Rolloff Box #22-2
Lab Order:	09080673	**Tag Number:**	
Project:	0906-0051, ComEd-Manhole, 453 Pierson St.	**Collection Date**	8/17/2009
Lab ID:	09080673-001A	**Matrix:**	Solid

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs in Solid	**SW8082 (SW3580A)**			Prep Date: **8/19/2009**		Analyst: **AY**
Aroclor 1016	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1221	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1232	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1242	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1248	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1254	ND	0.64		mg/Kg	1	8/19/2009
Aroclor 1260	ND	0.64		mg/Kg	1	8/19/2009

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC # 19821

Client: ComEd - Manhole
Address: 453 Pierson Street
Crystal Lake, IL.
Phone #: 847-366-4294 Fax #:
P.O. #: Proj #: 0906-0051
Client Contact: Tim Gristo
Sampler: John Mascio

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other Concrete
3. Soil 6. Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other
G-Glass B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl 7. On Ice
2. H2SO4 4. NaOH 6. MeOH 8. Other

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: PCB's
Sample #1 - Rolloff Box # 22-2	S	8oz.	G	1	-	80°	08-11	-	7	-	X

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
John Mascio	08/17/09	8:00		8/19/09	2:35
	8/19/09	4:11		8/19/09	16:11
	/ /	:		/ /	:

Notes/Waste Generated:

09080673

SPECIAL INSTRUCTIONS:

Turnaround Time:
☐ **Rush** (circle one)
1 2 or 3 day TAT
☒ **Routine** (5-10 days)
Due Date:

SET Contact: Don Bihun

Lab:

Received On Ice: Yes ☑ No ☐

Temperature: 1.8 °C

Rev. May 2007

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET | Date and Time Received: 8/19/2009 4:11:00 PM

Work Order Number 09080673 | Received by: JJM

Checklist completed by: _____ 8/19/09 (Signature / Date) | Reviewed by: MAK (Initials) 8/20/09 (Date)

Matrix: | Carrier name STAT Analysis

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 1.8 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☒	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☒	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

September 01, 2009

SET Environmental, Inc.
450 Sumac Road
Wheeling, IL 60090
Telephone: (847) 537-9221
Fax: (847) 537-9265

RE: 0906-0051, ComEd-Sump Pit, 453 Pierson Street STAT Project No: 09081011

Dear SET Environmental, Inc.:

STAT Analysis received 3 samples for the referenced project on 8/31/2009 12:24:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini

Catia Giannini
Project Manager

STAT Analysis Corporation

Date: September 01, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd-Sump Pit, 453 Pierson Street
Lab Order: 09081011

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
09081011-001A	Sample #1=Floor Of Sump P		8/31/2009	8/31/2009
09081011-002A	Sample #2=North Wall At W		8/31/2009	8/31/2009
09081011-003A	Sample #3=Recharged Water		8/31/2009	8/31/2009

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: September 01, 2009
Date Printed: September 01, 2009

Client: SET Environmental, Inc.
Project: 0906-0051, ComEd-Sump Pit, 453 Pierson Street **Lab Order:** 09081011

Lab ID: 09081011-001 **Collection Date:** 8/31/2009
Client Sample ID: Sample #1=Floor Of Sump Pump **Matrix:** Wipe

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs (Wipe)	**SW8082**			Prep Date: **8/31/2009**		Analyst: **GVC**
Aroclor 1016	ND	1		µg/wipe	1	8/31/2009
Aroclor 1221	ND	1		µg/wipe	1	8/31/2009
Aroclor 1232	ND	1		µg/wipe	1	8/31/2009
Aroclor 1242	ND	1		µg/wipe	1	8/31/2009
Aroclor 1248	ND	1		µg/wipe	1	8/31/2009
Aroclor 1254	ND	1		µg/wipe	1	8/31/2009
Aroclor 1260	ND	1		µg/wipe	1	8/31/2009

Lab ID: 09081011-002 **Collection Date:** 8/31/2009
Client Sample ID: Sample #2=North Wall At Water Line **Matrix:** Wipe

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs (Wipe)	**SW8082**			Prep Date: **8/31/2009**		Analyst: **GVC**
Aroclor 1016	ND	1		µg/wipe	1	8/31/2009
Aroclor 1221	ND	1		µg/wipe	1	8/31/2009
Aroclor 1232	ND	1		µg/wipe	1	8/31/2009
Aroclor 1242	ND	1		µg/wipe	1	8/31/2009
Aroclor 1248	ND	1		µg/wipe	1	8/31/2009
Aroclor 1254	ND	1		µg/wipe	1	8/31/2009
Aroclor 1260	ND	1		µg/wipe	1	8/31/2009

Lab ID: 09081011-003 **Collection Date:** 8/31/2009
Client Sample ID: Sample #3=Recharged Water **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3510C)**			Prep Date: **8/31/2009**		Analyst: **GVC**
Aroclor 1016	ND	0.001		mg/L	1	8/31/2009
Aroclor 1221	ND	0.001		mg/L	1	8/31/2009
Aroclor 1232	ND	0.001		mg/L	1	8/31/2009
Aroclor 1242	ND	0.001		mg/L	1	8/31/2009
Aroclor 1248	ND	0.001		mg/L	1	8/31/2009
Aroclor 1254	ND	0.001		mg/L	1	8/31/2009
Aroclor 1260	ND	0.001		mg/L	1	8/31/2009

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

SET Environmental, Inc.

Chain of Custody Record

450 Sumac Road, Wheeling, IL 60090 Ph: 847-537-9221 * Fax: 847-537-9265 www.setenv.com

COC #: 19817

Client: ComEd - Sump Pit
Address: 453 Pierson Street
Crystal Lake IL.
Phone #: Fax #:
P.O. #: Proj #: 0906-0051
Client Contact: Tia Grisetto
Sampler: John Mascio

Sample Type:
1. Waste Water 4. Sludge 7. Groundwater (filtered)
2. Drinking Water 5. Oil 8. Other Hexane Wipe
3. Soil 6 Groundwater

Container Type:
P-Plastic V-VOC Vial O-Other
G-Glass B-Tedlar Bag

Preservative:
1. None 3. HN03 5. HCl 7. On Ice
2. H2SO4 4. NaOH 6. MeOH 8. Other

Sample I.D. / Drum Numbers	Sample Type	Container Size	Container Type	Container No.	Sampling pH	Sampling Temp	Sampling Date	Sampling Time	Preservation Field	Preservation Lab	Analyses: PCBs
SAMPLE # 1 = Floor of Sump Pit	S	4oz	G	1	-	70°	08-31	-	7	-	X
" # 2 = North wall at water line	S	4oz	G	1	-	70°	08-31	-	7	-	X
" #3 = Rechargeable water	L	Qt.	G	1	-	70°	08-31	-	7	-	X

Relinquished By: John Mascio	Date: 08/31/09 Time: 1224	Received By:	Date: 8/31/09 Time: 12:24
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :
Relinquished By:	Date: / / Time: :	Received By:	Date: / / Time: :

Notes/Waste Generated:

09081011

SPECIAL INSTRUCTIONS:

Turnaround Time:
24 Hour TAT ☒ **Rush** (circle one)
1 2 or 3 day TAT
☐ **Routine** (5-10 days)
Due Date: ____-____-____

SET Contact: Don Bilhun

Lab:

Received On Ice: Yes ☒ No ☐

Temperature: 3.5 °C

Rev. May 2007

STAT Analysis Corporation

Sample Receipt Checklist

Client Name SET

Date and Time Received: 8/31/2009 12:24:00 PM

Work Order Number 09081011

Received by: CDF

Checklist completed by: Signature 8/31/09 Date

Reviewed by: CS Initials 8/31/09 Date

Matrix: Carrier name: Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 3.5 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

APPENDIX D
WASTE DISPOSAL DOCUMENTATION

Sales Order # 772457946 V-77

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	ILD982631707	1	877-437-7455	005631049 JJK

GENERATOR

5. Generator's Name and Mailing Address
ComEd-Environmental Department
3 Lincoln Center
Oakbrook Terrace, IL 60181-
Generator's Phone: 630 574 6324

Generator's Site Address (if different than mailing address)
Crystal Lake HO's
5100 S. State Route 31
Crystal Lake, IL 60012

6. Transporter 1 Company Name
SET Environmental Inc

U.S. EPA ID Number
ILD983957936

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors PPM, LLC
2474 Highway 169 N
Coffeyville, KS 67337

U.S. EPA ID Number
KSD981506025

Facility's Phone: (620) 251-6080

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN2315 Polychlorinated biphenyls, liquid, 9, PCB	002	DM	254	K	D018 D019
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1=PCB Contaminated Valve Lineds - CH375363 09/17/09
453 Beaver, Crystal Lake IL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Steve Engbers For ComEd
Signature:
Month: 09 Day: 17 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Czaski
Signature:
Month: 09 Day: 23 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

27-2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: ILD982631707	2. Page 1 of 1	3. Emergency Response Phone: 877-437-7455	4. Manifest Tracking Number: 005890915 JJK

5. Generator's Name and Mailing Address
ComEd-Environmental Department
3 Lincoln Center
Oakbrook Terrace, IL 60181-
Generator's Phone: 630-576-6724

Generator's Site Address (if different than mailing address)
Crystal Lake HQ's
6100 S. State Route 31
Crystal Lake, IL 60012-

6. Transporter 1 Company Name: SET Environmental Inc — U.S. EPA ID Number: ILD981957236

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Wayne Disposal - EQ
49350 North I-94 Service Drive
Facility's Phone: Belleville, MI 48111 (800) 592-5489
U.S. EPA ID Number: MID048090633

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3432 Polychlorinated biphenyls, solid 9 PGII	001	CM	13,000	K	PCB1
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1 = PCB CONTAMINATED SOLIDS - B99035WDI (Y)
UN OUS CONT # 22-2
453 PIERSON - CRYSTAL LAKE

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Steve Engbers For ComEd — Signature: [signature] — Month 08 Day 18 Year 09

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES DAWSON — Signature: JAMES DAWSON — Month 08 Day 18 Year 09
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H132	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year [illegible]

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Wayne Disposal, Inc.

49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

SET ENVIRONMENTAL
450 SUMAC
WHEELING, IL 60090

Receipt ID: 1177263
EQ Account #: 1160
Manifest / BOL: 005890915JJK
Transporter: SET
Date: 08/28/2009
Time In: 11:56 AM
Time Out: 12:41 PM

Line	Description Generator	Qty. Unit
1 - A	F099037WDI - PCB SOIL/DEBRIS >50 PPM PCBS	4.490 TONS
	Hazardous Surcharge Ton	4.490 TONS
	ILD982631707 COMED-CRYSTAL LAKE	
	Gross: 46,800 **Tare:** 37,820 **Net:** 8,980	

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	ILD982631707	1	877-437-7455	005891135 JJK

GENERATOR

5. Generator's Name and Mailing Address
ComEd- Environmnetal Department
3 Lincoln Center
Oakbrook Terrace, IL 60181-
Generator's Phone: 630-576-6724

Generator's Site Address (if different than mailing address)
Crystal Lake HQ.
5100 S. State rt 31,
Crystal Lake IL - 60012

6. Transporter 1 Company Name
SET Environmental, Inc.
U.S. EPA ID Number
ILD981957236

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Industrial Water Services
12123 S. Stony Island Ave
Facility's Phone: Chicago, IL 60633- (773) 646-9700
U.S. EPA ID Number
ILR000115287

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Not Regulated	001	DM	40	G			
	2. NOT REGULATED	001	DF	10	P			
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1 = WASTE WATER
2 = PPE/DEBRIS
COC # 19817
(A)
453 Pierson Crystal Lake

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Steve Engbers For ComEd
Signature: Steve Eng
Month: 08 Day: 31 Year: 09

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Mascio
Signature: John Masc
Month: 08 Day: 31 Year: 09

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year: